



Honda Civic (excluding LX models) 2016-2021

Visit MetraOnline.com for more detailed information about the product and up-to-date vehicle specific applications. **Note:** Additional parts required to retain factory amplifier.

NOTE: TYPE R AND SI VEHICLES WILL NOT RETAIN THE REV MATCHING FEATURES.

KIT FEATURES

- ISO DIN radio provision with pocket
- ISO DDIN radio provision
- Painted matte black
- Touchscreen display for climate and personalization features
- Retains the factory backup camera and LaneWatch camera
- Retains audio controls on the steering wheel
- Provides NAV outputs (parking brake, reverse, speed sense)

Note: Additional purchase of AXSP-HN is required to retain factory amplifier. Identifiable when equipped with factory sub-woofer or center channel speakers.

KIT COMPONENTS

- A) Radio trim panel
- B) Radio brackets
- C) Pocket
- D) #8 x 3/8" Phillips screws (4)
- E) Plastic panel clips (8)
- F) Axxess wiring harness and interface (not shown)
- G) Antenna adapter (not shown)

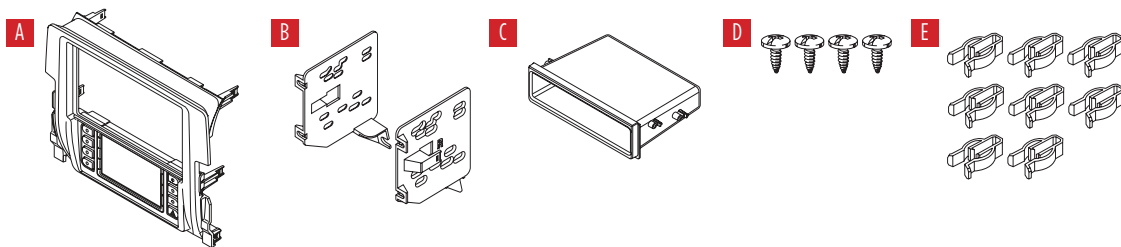


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Visit MetraOnline.com for audio/video and steering wheel control interface options.

WIRING & ANTENNA CONNECTIONS

- Wiring Harness: Included in kit
- Antenna Adapter: Included in kit

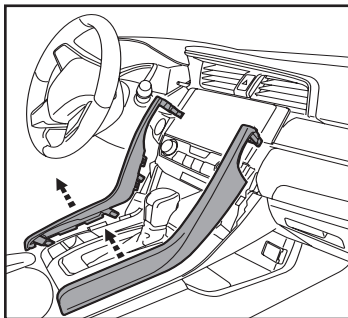
TOOLS REQUIRED

- Panel removal tool • Phillips screwdriver

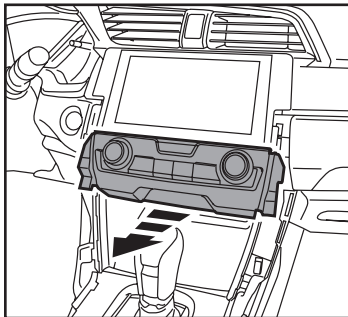
Attention! With the key out of the ignition, disconnect the negative battery terminal before installing this product. Ensure that all installation connections are secure before cycling the ignition to test this product. **NOTE:** Refer to the instructions included with the aftermarket radio.

DASH DISASSEMBLY

1. Unclip and remove the side trim panels from the center console. (Figure A)
2. Using the panel removal tool, unsnap and remove the climate control panel. (Figure B)



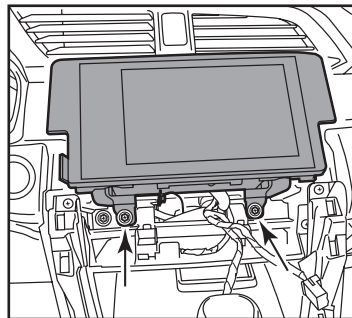
(Figure A)



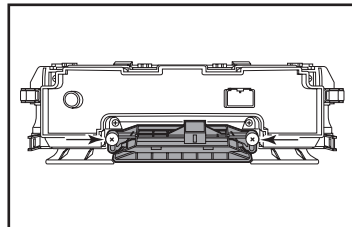
(Figure B)

3. Remove (2) Philips screws securing the factory radio, disconnect the wiring, and then remove the radio. (Figure C)
4. Remove the (2) screws securing the factory passenger airbag indicator and remove it from the factory climate controls. (Figure D)

Continue to Kit Preparation



(Figure C)

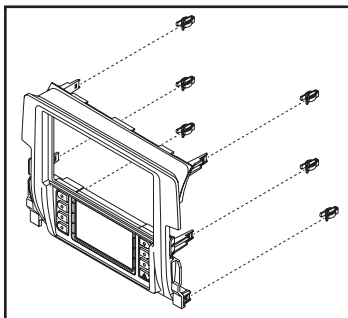


(Figure D)

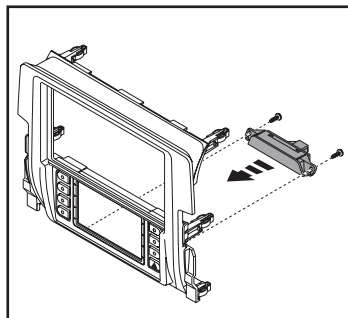
KIT PREPARATION

1. Attach the (6) **plastic clips** provided in this kit to the radio trim panel. (Figure A)
2. Attach the airbag indicator to the **radio trim panel** using the factory screws. (Figure B)
3. Attach the (2) **plastic clips** provided in this kit to the **radio brackets**. (Figure C)

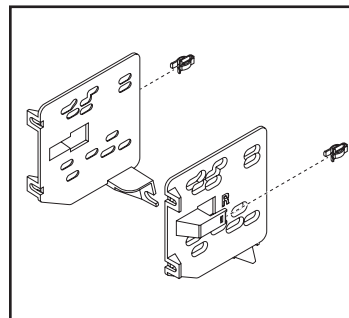
Continue to Kit Assembly



(Figure A)



(Figure B)



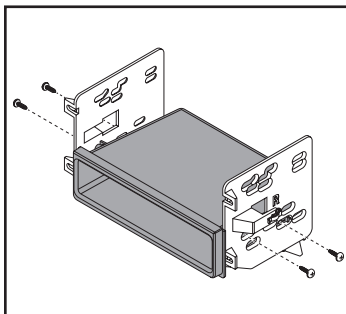
(Figure C)

KIT ASSEMBLY

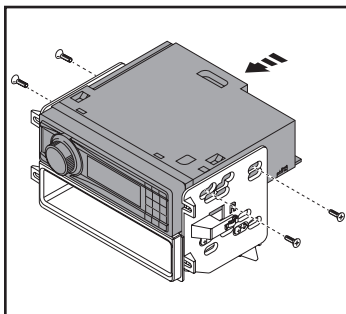
ISO DIN radio provision with pocket

1. Attach the **pocket** to the **radio brackets** using the (4) Phillips screws provided in this kit. (Figure A)
2. Slide the aftermarket radio into the assembly, and then secure it using the screws supplied with the radio. (Figure B)

Continue Axxess Interface Installation



(Figure A)

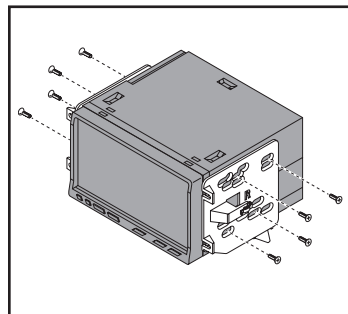


(Figure B)

ISO DDIN radio provision

1. Attach the **radio brackets** to the aftermarket radio using the screws supplied with the radio. (Figure A)

Continue Axxess Interface Installation



(Figure A)

AXXESS INTERFACE INSTALLATION

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Provides 12-volt illumination output
- Retains R.A.P. (retained accessory power)
- Touchscreen display for climate and personalization features
- Retains the factory backup camera
- Retains the LaneWatch camera
- Retains audio controls on the steering wheel
- Provides NAV outputs (parking brake, reverse, speed sense)
- Retains balance and fade
- Micro-B USB updatable
- Can be used in non-amplified, or amplified models*

* Additional purchase of AXSP-HN is required to retain amplifier

INTERFACE COMPONENTS

Touchscreen harness (LD-HONTOUCH)
USB retentions harness (AXUSB-TY4)
Camera retention interface
40-HD12 & 44-EC144 (antenna adapter)
Female 3.5mm jack with stripped leads

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TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape
- Wire cutter
- Zip ties

CONNECTIONS

For models without a factory amp

From the LD-HONTOUCH harness to the aftermarket radio, connect as indicated:

- **Black** wire to the ground wire.
- **Yellow** wire to the battery wire.
- **Red** wire to the accessory wire.
- **Orange/White** wire to the illumination wire. (if applicable)
- **Blue/Pink** wire to the VSS/speed sense wire
- **Light Green** wire to the parking brake wire.

For the following (8) connections, cut off the RCA jacks to expose the speaker wire inside.

- **White** wire to the left front (+) speaker output.
- **White/Black** wire to the left front (-) speaker output.
- **Gray** wire to the right front (+) speaker output.
- **Gray/Black** wire to the right front (-) speaker output.
- **Green** wire to the left rear (+) speaker output.
- **Green/Black** wire to the left rear (-) speaker output.
- **Purple** wire to the right rear (+) speaker output.
- **Purple/Black** wire to the right rear (-) speaker output.

The following wires will not be used in this application.

Blue/White, Green/Purple, Blue/Pink (labeled TBA)

For models with a factory amp (will require the AXSP-HN) (sold separately)

From the LD-HONTOUCH harness to the aftermarket radio:

- **Black** wire to the ground wire.
- **Yellow** wire to the battery wire.
- **Red** wire to the accessory wire.
- **Blue/White** wire to the amp turn-on wire.
- **Orange/White** wire to the illumination wire. (if applicable)
- **Blue/Pink** wire to the VSS/speed sense wire
- **Light Green** wire to the parking brake wire.
- **White** RCA to the Left Front Pre-out.
- **Gray** RCA to the Right Front Pre-out.

The following wires will not be used in this application.

Blue/Pink (labeled TBA), **Green** and **Purple** RCAS

Connections from the 16 pin harness with Yellow RCA

- **Yellow** RCA Jack to the backup camera input.
- **Green/Purple** wire to the reverse wire

Continued on the next page

3.5mm jack - Steering Wheel Control retention:

The 3.5mm jack is to be used to retain audio controls on the steering wheel control.

- **For the radios listed below:** Connect the female **3.5mm connector** with stripped leads to the male 3.5mm SWC jack from the **car side harness**. Tape off and disregard remaining wires.
 - **Eclipse:** Connect the SWC wire, **Brown** to the **Brown/White** wire of the connector. Then connect the remaining SWC wire, **Brown/White** to the **Brown** wire of the connector.
 - **Metra OE:** Connect the SWC (*Key 1*) wire **Gray** to the **Brown** wire.
 - **Kenwood or select JVC with a SWC wire:** Connect the **Blue/Yellow** wire to the **Brown** wire.
Note: If the **Kenwood** radio auto detects as a **JVC**, manually set the radio type to **Kenwood**. See the instructions under Changing Radio Type.
 - **XITE:** Connect the SWC (*SWC-2*) wire from the radio to the **Brown** wire.
 - **Parrot Asteroid Smart or Tablet:** Connect the 3.5mm jack into the AX-SWC-PARROT (sold separately), and then connect the 4-pin connector from the AX-SWC-PARROT into the radio. **Note:** The radio must be updated to rev. 2.1.4 or higher software.
 - **Universal “2 or 3 wire” radio:** Connect the SWC wire, (*Key-A or SWC-1*) to the **Brown** wire of the connector. Then connect the remaining SWC wire, (*Key-B or SWC-2*) to the **Brown/White** wire of the connector. If the radio comes with a third wire for ground, disregard this wire.
Note: After the interface has been programmed to the vehicle, refer to the manual provided with the radio for assigning the SWC buttons. Contact the radio manufacturer for more information.

- **For all other radios:** Connect the 3.5mm jack into the port on the radio designated for an external SWC interface. Refer to the manual provided with the radio, if in doubt as to where the 3.5mm jack goes.

Continue to Antenna Connections

ANTENNA CONNECTIONS

The antenna connection is only available at the factory tuner behind the passenger rear side trim panel. (Figure A)

Connection

Route the antenna extension from the radio location to the tuner location. Plug in the antenna cable and connect the **Blue** wire to your radio's Amp turn on output.

Disconnect the cable from the factory tuner and connect the antenna extension cable. Proper access to the tuner will require rear seat and side trim panel removal.



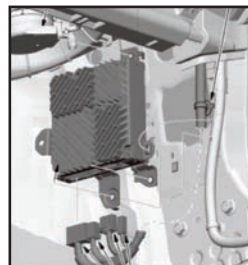
(Figure A)

AXSP-HN connections. Sold separately for retaining the factory amplifier.

The Amplifier is located behind the front passenger kick panel. To retain the factory amplifier, route and connect the 48" SPDIF connector coming from the LD-HONTOUCH harness into the factory amplifier.

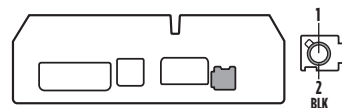
Removal Steps

- Unclip and remove the panel under the glove box. (Figure A)
- Open the glove box, squeeze both sides inward, and pull up and back to remove.
- Unclip the Front Passenger Kick Panel
- Disconnect the Amplifier's main input cable. (Figure B)
- Route and connect the 48" SPDIF connector coming from the LD-HONTOUCH harness into the factory amplifier



(Figure A)

Stereo Amplifier Connector



(Figure B)

Continue to Installation

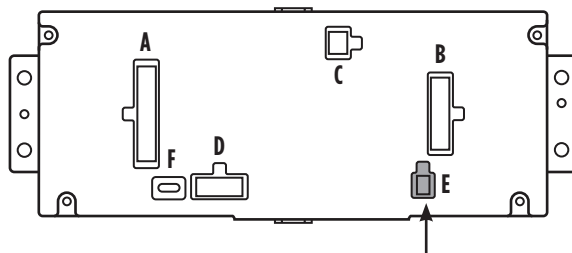
INSTALLATION AND PROGRAMMING

It is highly advisable to read the following steps beforehand, to ensure a clear understanding of what is to be expected.

With the vehicle completely off:

From the **LD-HONTOUCH**

1. Connect the 16-pin harness into **Port “B”** in the touchscreen display
2. Connect the 22-pin connector that has the “Touchscreen Label on it” into **Port “A”** of the Touchscreen Display.
3. Connect the 10-pin connector (from the LD-HONTOUCH) into **Port “D”** and then to the Factory 12 pin connector that was removed from the factory climate control panel.
4. Locate the camera interface and connect the 16 pin with **Yellow** RCA and 22-pin plug from the **LD-HONTOUCH**.
5. Connect the **Yellow** RCA to the radios backup camera input
6. Disregard **Ports “E” & “C”**
7. **Port “F”** is used for firmware updates
8. If the vehicle is factory amplified, connect the **AXSP-HN** to the 14-pin harness of the **LD-HONTOUCH**. If not amplified disregard.
9. Connect the **LD-HONTOUCH** wiring harness to vehicle. These connectors were removed from the factory radio
10. Be sure to plug in the new radio's harness before programming.
11. With all connections made, now you Press the push-to-start button to start the vehicle.



Note: DO NOT CONNECT!

Programming the kit

- Once the touchscreen display powers on, select 2016-2020 Civic.
- Wait until the aftermarket radio powers on, and the touchscreen display shows **SWC Configured**. This process could take about (3) mins.
- Cycle the key off. If the driver's door is closed, open and close the door. Start the vehicle
- Test all functions of the installation for proper operation, before reassembling the dash.

Note: If the radio or touchscreen do not power on within (3) minutes, reset the interface and try again. Refer to the Troubleshooting section for details.

Continue to Programming

TOUCHSCREEN DISPLAY OPERATION

Climate Control screen



- This is the climate control screen, which will be displayed on the touchscreen display. This is also considered the main menu. The climate controls will function in the same manner that they did with the factory climate controls.
- The upper left tab with (3) arrows will access the **Heated/Cooled** seats, if equipped.
- Factory camera modes are available and view modes can be changed while in reverse. (Wide View Mode, Normal View Mode, Top Down View Mode) Press the **CAM1** icon to change the viewing angle of the backup camera while in reverse.
- The upper right tab with a gear icon will access the **Configuration Settings** screen.

Climate Control screen



Setting the Clock (will display the time on the instrument cluster)

1. Under Configuration Settings
2. Clock Settings
3. Clock set:

Hour: Changes the Hour

Minutes: Change the Minutes

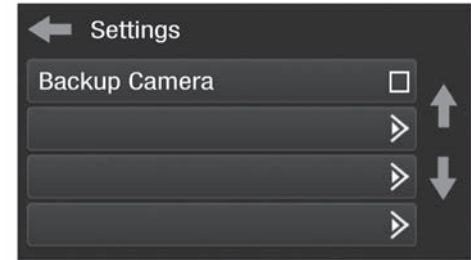
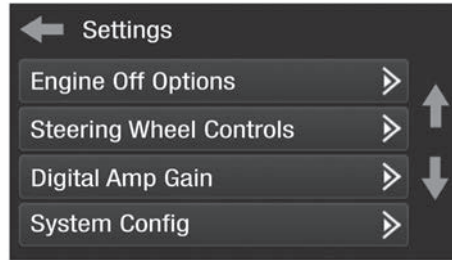
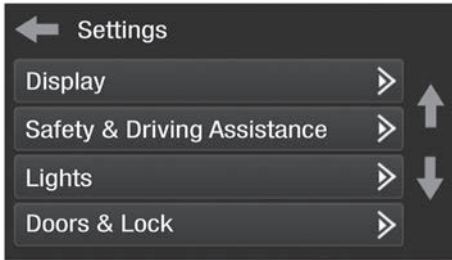
12hr: displayed in 12hr time

24hr: displays as Military time

Continue to Programming

TOUCHSCREEN DISPLAY OPERATION (CONT.)

Configuration Settings



Display

- Backlight - For controlling the color of the buttons and back-light intensity.
- Language
- Units

Safety & Driving Assistance - Factory features

Lights - Factory features

Doors & Locks - Factory features

Engine Off Options - Factory features

Steering Wheel Controls

- Remap Buttons – For remapping the steering wheel control buttons
- Dual Assign – For dual assigning the steering wheel control buttons (long button press)
- Select Radio – For auto detecting the radio, or changing the radio type

Digital Amp Gain - For adjusting the output gain to the amplifier

System Configuration

- About - Information regarding the software in the kit
- Reset Vehicle Type - To reset the kit to default settings
- Comfort Options Override - Provides the ability to disable/enable certain factory options

Backup Camera

- Enable/disables the backup camera image to the touchscreen display. Disabled by default.

STEERING WHEEL CONTROL SETTINGS

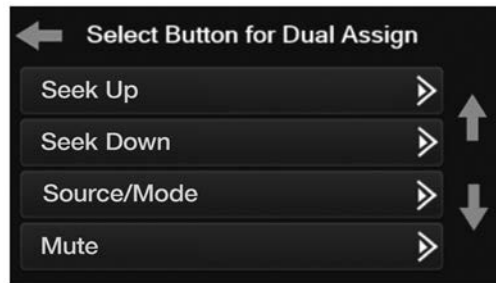
Remap Buttons



- The interface has the ability to change the button assignment for the steering wheel control audio buttons, except Volume-Up and Volume-Down. Follow the prompts on the touchscreen display to remap the steering wheel control audio button(s) to your liking.

Note: The aftermarket radio may not have all of these commands. Please refer to the manual provided with the radio, or contact the radio manufacturer, for specific commands recognized by that particular radio.

Dual Assign



- The interface has the capability to assign two functions to a single button, except Volume-Up and Volume-Down. Follow the prompts on the touchscreen display to program the button(s) to your liking.

Note: Seek-Up and Seek-Down come programmed as Preset-Up and Preset-Down for a long button press.

Continued on the next page

STEERING WHEEL CONTROL SETTINGS (CONT.)

Select Radio



- To show which brand radio is “auto detected” to the interface, press the “Autodetect” button. The radio detected will have a filled in circle. If the incorrect radio is shown, select the proper radio.
- Following is a list of radio manufacturers that the interface presently acknowledges. Others may be added at a later date. Universal “2 or 3 wire” radios can show up as any of these radio manufacturers.

Radios Detected by Interface
Eclipse (type 1) †
Kenwood ‡
Clarion (type 1) †
Sony / Dual
JVC
Pioneer / Jensen
Alpine *
Visteon
Valor
Clarion (type 2) †
Metra OE
Eclipse (type 2) †
LG
Parrot **
XITE
Philips
TBA
JBL
Insane
Magnadyne
Boss
Axxera
Axxerra (type 2)

KEYNOTES

* If the **AXSWC interface** flashes **Red** (7) times, and an **Alpine** radio is not installed, that means there is an open connection not accounted for. Verify that the 3.5mm jack is connected to the correct steering wheel jack/wire in the radio.

** The **AX-SWC-PARROT** is required (sold separately). Also, the software in the radio must be rev. 2.1.4 or higher.

† If a **Clarion** or **Eclipse** radio is installed and the steering wheel controls do not function, change the radio to **Clarion (type 2)** or **Eclipse (type 2)** respectively. If the steering wheel controls still do not function, refer to the **Changing Radio Type** document available at axxessinterfaces.com.

‡ If a **Kenwood** radio is installed and the L.E.D. feedback flashes (5) times instead of (2), manually change the radio type to **Kenwood**. To do this, refer to the **Changing Radio Type** document available at axxessinterfaces.com.

TROUBLESHOOTING

Resetting the Interface

Option # 1

1. With everything connected and the car running.
2. Hold the bottom two buttons for (3) seconds, then release. (Figure A)
(The screen will turn black and then put you in the vehicle selection screen)
3. Select your vehicle and wait till the “SWC Configured “ appears on the screen.
4. Turn ignition off and start vehicle, then test your interface.

Option #2

1. With the vehicle running, press the **Reset Vehicle Type** button mentioned in **System Configuration**.
2. Refer to **Programming**, step 3, from this point.



(Figure A)

FINAL ASSEMBLY

1. Replace the (2) Phillips screws to secure the radio into place.
2. Reassemble the dash in the reverse order of disassembly.
3. Snap on the radio trim panel and the installation is complete.



99-7821B
INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

386-257-1187



Or via email at:

techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



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**Metra recommends MECP
certified technicians**